

ATTENUATORS BNC

UP TO **4 GHz**
10 WATTS

api 
technologies corp.
> INMET

MODELS: XBNC10W-XX, XBNC10W-XXF, XBNC10W-XXM

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 4.0 GHz
Standard Freq. Values _____ 2.5 & 4 GHz
Standard dB Values _____ 0-10, 12, 15, 20, 30 & 40 dB
Attenuation Accuracy:
DC – 1 GHz _____ ± 0.7 dB
1 GHz – 4 GHz _____ ± 1.0 dB
VSWR _____ 1.25:1 Max.
Input Power _____ 10 Watts Avg. @ 25°C
DERATED LINEARLY TO 2 WATTS @ +125°C
Peak Power _____ 500 Watts Max.
(5uSec Pulse, .05% Duty Cycle)
Impedance _____ 50 Ohms
Operating Temp Range _____ -65°C to +125°C

Mechanical:

BNC Connectors _____ Nickel Plated Brass
Mate with MIL-STD-348
Conductors _____ Gold Plated Beryllium Copper
Housing _____ Anodized Aluminum

Model Number: **XBNC10W-XX**

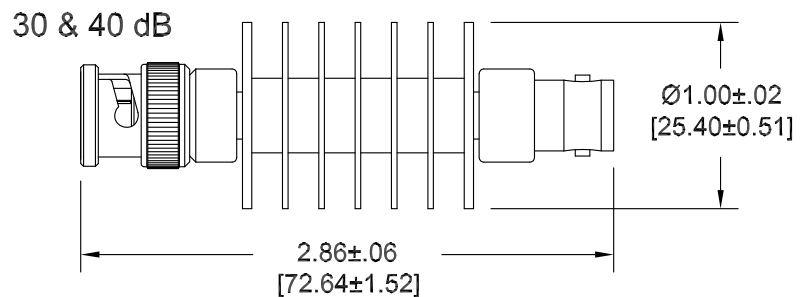
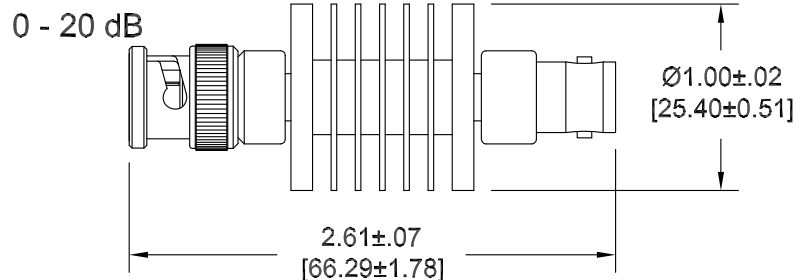
Male/Female Connectors
0-20 dB Length:
2.61 $\pm$.07 [66.29 $\pm$ 1.78]
30 & 40 dB Length:
2.86 $\pm$.06 [72.64 $\pm$ 1.52]
Pictured

Model Number: **XBNC10W-XXF**

Female/Female Connectors
0 – 20 dB Length:
2.49 $\pm$.04 [63.25 $\pm$ 1.02]
30 & 40 dB Length:
2.74 $\pm$.03 [69.6 $\pm$ 0.76]

Model Number: **XBNC10W-XXM**

Male/Male Connectors
0 – 20 dB Length:
2.72 $\pm$.09 [69.09 $\pm$ 2.29]
30 & 40 dB Length:
2.97 $\pm$.08 [75.44 $\pm$ 2.03]



HOW TO ORDER:

Model Number **XBNC10W-XXY**
Freq. Range ☐ dB Value
2 = DC – 2.5 GHz
4 = DC – 4 GHz
Connector Config.
= Male/Female
F = Fem/Fem
M = Male/Male

Ordering Examples:

Model Number: **2BNC10W-03**
DC – 2.5 GHz; 3 dB; BNC – Male/Fem
Model Number: **2BNC10W-10F**
DC – 2.5 GHz; 10 dB; BNC – Fem/Fem
Model Number: **4BNC10W-30M**
DC – 4 GHz; 30 dB; BNC – Male/Male

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Design specifications are subject to change without notice.

Contact factory for technical specifications before purchasing or use.

XBNC10W-ATT; REV J

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